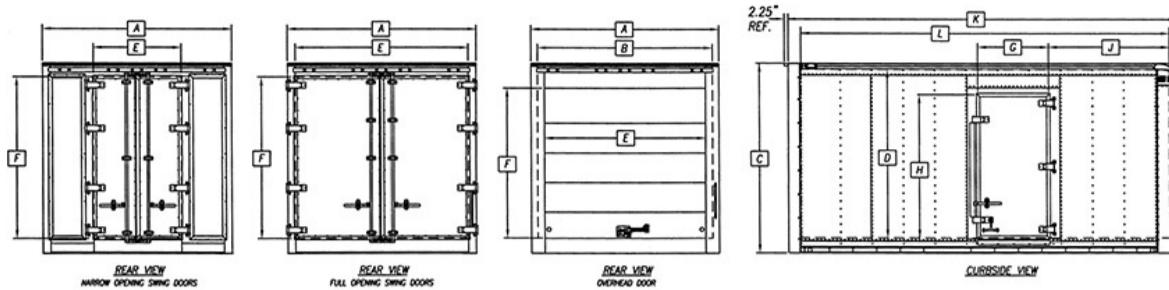


Refrigerated Cold Star Aluminum Specifications



Dimensional Key

- A = Overall Width
- B = Interior Width
- C = Exterior Height
- D = Interior Height
- E = Rear Door Opening Width
- F = Rear Door Opening Height
- G = Side Door Opening Height
- H = Standard Side Door Opening Height
- J = Leading Edge Of Side Door To Inside Front of Body
- K = Exterior Length of Body
- L = Inside Front Liner To Inside Rear Door Panel
- M = Bottom Of Evaporator Unit To Floor
- N = Bottom Of Condenser Unit To Bottom of of Longitudinal (4" I-Beam)
- O = Depth of Refrigeration Unit Condenser
- P = Depth of Refrigeration Unit Evaporator

LENGTH DIMENSIONS

NOMINAL LENGTH	10	12	14	16	18	20	22	24	26	28
"K"	10' 5-5/8"	12' 5-5/8"	14' 5-5/8"	16' 5-5/8"	18' 5-5/8"	20' 5-5/8"	22' 5-5/8"	24' 5-5/8"	26' 5-5/8"	28' 5-5/8"
"L" - O/H ⁴	9' 7"	11' 7"	13' 7"	15' 7"	17' 7"	19' 7"	21' 7"	23' 7"	25' 7"	27' 7"
"L" - PANEL DOORS ⁵	9' 10"	11' 10"	13' 10"	15' 10"	17' 10"	19' 10"	21' 10"	23' 10"	25' 10"	27' 10"

Notes:

- 4.) O/H Door Dimensions Are For A Single Insulated Door. Subtract 1" For Double Insulated Doors.
- 5.) Panel Door Dimensions Are For 3" Thick Foam Doors. Subtract 1" for 4" Foam Doors, 2" For 5" Foam doors.

WIDTH DIMENSIONS

EXTERIOR BODY WIDTH	"A"	"B" ¹			
		1.38"FOAM	3" FOAM	4" FOAM	5" FOAM
90	90"	86-3/16"	83- 3/16"	81- 3/16"	79- 3/16"
96	96"	92-3/16"	89- 3/16"	87- 3/16"	85- 3/16"
102	102"	98-3/16"	95- 3/16"	93- 3/16"	91- 3/16"

1.) Interior Width Dimension Is From Scuff To Scuff.

HEIGHT DIMENSIONS

BODY HEIGHT	"C" ²	"D" ³		
		3" FOAM	4" FOAM	5" Foam
79	85-3/8"	74.00"	73.00"	72.00"
85	91-3/8"	80.00"	79.00"	78.00"
91	97-3/8"	86.00"	85.00"	84.00"
97	103-3/8"	92.00"	91.00"	90.00"
103	109-3/8"	98.00"	97.00"	96.00"

2.) Exterior Height Does Not Include Longitudinales

3.) Interior Height Is Based On Standard 4" Floor Foam. Subtract 1" for 5" Floor Foam. Add 3-9/16" For Foam Between Sills.

"F" - REAR DOOR OPENING HEIGHT ⁶

BODY HEIGHT	OVERHEAD DOORS				SWING PANEL DOORS
	WHITING TEMPGUARD		WHITING COLDSAVER		
	TODCO 1.12		TODCO 2.50		3", 4" AND 5" CEILING FOAM
	POLARGUARD		POLARGUARD		CEILING FOAM
	3" AND 4" CEILING FOAM	5" CEILING FOAM	3" AND 4" CEILING FOAM	5" CEILING FOAM	3" AND 4" CEILING FOAM
79	64 -3/8"	63-3/8"	63-3/8"	62-3/8"	69-5/8"

6.) Rear Door Opening Height Is Based On Standard 4" Floor Foam. Subtract 1" for 5" Floor Foam. Add 3-3/8" For Foam Between Sills.

SIDE DOOR DIMENSIONS

SIDE DOOR	"H" - SIDE DOOR HEIGHT					"G" SIDE DOOR WIDTH
	79	85	91	97	103	
STD. HEIGHT	66-7/8"	72-7/8"	72- 7/8"	72-7/8"	72-7/8"	36-1/16"
FULL HEIGHT	66-7/8"	72-7/8"	78-7/8"	84-7/8"	90-7/8"	36-1/16"

"E" - REAR DOOR OPENING WIDTH

7.) Side Wall Foam Thickness Does Not Affect Swing Panel Door Opening Width.

"F" - REAR DOOR OPENING HEIGHT⁶

85	70-3/8"	69-3/8"	69-3/8"	68-3/8"	75-5/8"
91	76-3/8"	75-3/8"	75-3/8"	74-3/8"	81-5/8"
97	82-3/8"	81-3/8"	81-3/8"	80-3/8"	87-3/8"
103	88-3/8"	87-3/8"	87-3/8"	86-3/8"	93-5/8"

6.) Rear Door Opening Height Is Based On Standard 4" Floor Foam. Subtract 1" for 5" Floor Foam. Add 3-3/8" For Foam Between Sills.

"E" - REAR DOOR OPENING WIDTH

EXTERIOR BODY WIDTH	O/H DOOR		SWING PANEL DOORS ⁷	
	1.38", 3", 4" SIDE FOAM	5" SIDE FOAM	2, 3, OR 4 - PANEL FULL OPENING	1 OR 2 -PANEL NARROW OPENING
90	76"	74"	82"	43-3/4"
96	82"	80"	88"	43-3/4"
102	88"	86"	94"	43-3/4"

7.) Side Wall Foam Thickness Does Not Affect Swing Panel Door Opening Width.

STANDARD SIDE DOOR LOCATIONS

BODY LENGTH	10	12	14	16	18	20	22	24	26	28
J	29-1/16"		61-1/16"							

Notes:

- 8.) Foremost Location Of Side Door is 13-1/16" From Inside Front Wall.
- 9.) Door Can Be Moved Fore and Aft of Std. Location on 2" Increments Only.
- 10.) Door Location is Based On 4" Of Foam In Front Wall.

CALCULATED WEIGHT CHART

BODY HEIGHT	BODY LENGTH									
	10	12	14	16	18	20	22	24	26	28
GVSR79	2440	2685	2944	3194	3456	3707	3967	4221	4482	4732
GVSR85	2505	2754	3019	3273	3539	3796	4059	4318	4584	4839
GVSR91	2571	2824	3092	3352	3613	3884	4153	4418	4691	4947
GVSR97	2635	2883	3166	3430	3705	3971	4244	4514	4789	5053
GVSR103	----	----	3239	3510	3789	4057	4338	4611	4891	5160

Body Weight Includes: Base Body, O/H Rear Door, D.O.T. Underide, Mud Flaps, Lighting Per FMVSS 108, Mounting Kit, Kemlite Linear Front, Sides and Ceiling, Steel Reinforcement For One-piece Reefer Unit, 3" Foam Sides And Ceiling, 4" Foam Front And Floor, Smooth Extruded Aluminum Hat Floor, 4" Jr. I-Beam Longitudinales. Weight Tolerance = $\pm 3\%$

Note:

All Dimensions Weights and Measurements Specified Herein Are Subject to Morgan's Manufacturing Tolerances, may change without Notice, And May Vary Depending On Options Selected. Please Contact Morgan For Measurements For Your Particular Truck Body And Chassis Specifications.